

**SECTION 1: Identification of the substance/mixture and of the company/
undertaking****1.1 Product identifier**

MSDS-No.: 15 622

Trade name REVELL-AQUA-COLOR**Article number:**

Dreisol:

mat:

R4300-0102; R4300-1115; R4300-1116; R4300-1135; R4300-1188; R4300-2125;
R4300-3136; R4300-3137; R4300-5149; R4300-5156; R4300-6139; R4300-6140;
R4300-6142; R4300-6145; R4300-6146; R4300-6148; R4300-6155; R4300-6159;
R4300-6165; R4300-6168; R4300-7109; R4300-7143; R4300-7147; R4300-7157;
R4300-7166; R4300-7167; R4300-7169; R4300-7174; R4300-7175; R4300-7176;
R4300-7177; R4300-7178; R4300-7179; R4300-8117; R4300-8182; R4300-8183;
R4300-8184; R4300-8185; R4300-8186; R4300-8187; R4300-8189; R4300-9105;
R4300-9106; R4300-9108; R4300-9190; R4300-9191; R4300-9192; R4300-9193;
R4300-9194; R4300-9195; R4300-9199

satin gloss:

R4320-1310; R4320-1312; R4320-1314; R4320-3330; R4320-3331; R4320-3332;
R4320-5350; R4320-6360; R4320-6361; R4320-6362; R4320-6363; R4320-6364;
R4320-6365; R4320-7371; R4320-7374; R4320-7378; R4320-8381; R4320-8382;
R4320-9301; R4320-9302

glossy:

R4380-0101; R4380-0730; R4380-0731; R4380-0752; R4380-1112; R4380-2130;
R4380-3131; R4380-3134; R4380-5150; R4380-5151; R4380-5152; R4380-5154;
R4380-6161; R4380-6162; R4380-8180; R4380-9104; R4380-9107

Revell:

mat:

36102; 36115; 36116; 36135; 36188; 36125; 36136; 36137; 36149; 36156; 36139;
36140; 36142; 36145; 36146; 36148; 36155; 36159; 36165; 36168; 36109; 36143;
36147; 36157; 36166; 36167; 36169; 36174; 36175; 36176; 36177; 36178; 36179;
36117; 36182; 36183; 36184; 36185; 36186; 36187; 36189; 36105; 36106; 36108;
36190; 36191; 36192; 36193; 36194; 39195; 36199

satin gloss:

36310; 36312; 36314; 36330; 36331; 36332; 36350; 36360; 36361; 36362; 36363;
36364; 36365; 36371; 36374; 36378; 36381; 36382; 36301; 36302

glossy:

36101; 36730; 36731; 36752; 36112; 36130; 36131; 36134; 36150; 36151; 36152;
36154; 36161; 36162; 36180; 36104; 36107

1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Application of the substance / the mixture

Coating material for industrial application

toy lacquer

watery pattern enamel

1.3 Details of the supplier of the safety data sheet**Manufacturer/Supplier:**

manufacturer/supplier:

Dreisol Coatings GmbH & Co.KG.

Postfach 2161

tel.: 05742/9300-0(central)

fax: 05742/9300-49(-59)

mail: mail@dreisol.de

(Contd. on page 2)

EG-Material Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 08.08.2014

version: 12

Revision: 08.08.2014

Trade name REVELL-AQUA-COLOR

D-32355 Preußisch Oldendorf

(Contd. of page 1)
<http://www.dreisol.de>

Informing department:

department product safety

Tel.: 05742/9300-41

e-mail adress of competent person:

sdb@dreisol.de

1.4 Emergency telephone number: Giftinformationszentrum-Nord (GIZ-Nord):

Tel.: 0551-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC void

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Additional information:

Contains mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2-Hisothiazol-3-one [EC no. 220-239-6] (3:1) mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterization: Mixtures

Dangerous components:

This preparation does not contain any substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

CAS: 57-55-6

propane-1,2-diol

3.0-5.0%

EINECS: 200-338-0

substance with a Community workplace exposure limit

Additional information void

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated, saturated clothing immediately.

No special measures required.

After inhalation

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

After skin contact

Instantly wash with water and soap and rinse thoroughly.

Then take skin creme.

If skin irritation continues, consult a doctor.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

(Contd. on page 3)

Printing date 08.08.2014

version: 12

Revision: 08.08.2014

Trade name REVELL-AQUA-COLOR

(Contd. of page 2)

- **After swallowing**
Do not induce vomiting; instantly call for medical help.
Rinse out mouth, do again spit out the liquid and then drink plenty of water.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
recommended: foam (if necessary alcohol resistant), carbon dioxide, extinguishing powder
- **For safety reasons unsuitable extinguishing agents** Water.
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus.
- **Additional information**
Cool closed containers exposed to fire with water.
Do not allow run-off from fire fighting to enter drains or water courses.

* SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Remove all sources of ignition. Provide adequate ventilation. Refer to protective measurer, listed in sections 7 and 8.
- **6.2 Environmental precautions:**
Do not allow product to enter into sewerage systems or water bodies.
Inform respective authorities in case of product reaches water or sewage systems.
Dilute with much water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
No dangerous materials are released.
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at working place.
Keep containers tightly sealed.
Avoid contact with skin and eyes.
- **Information about protection against explosions and fires:**
Protect against electrostatic charges.
Keep ignition sources away - Do not smoke.
Vapours are heavier than air and may spread along floors. Vapours may form explosive mixture with air.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by warehouses and containers:**
Store only in the original container.
Storage from 5 °C to 30 °C.

(Contd. on page 4)

GB

EG-Material Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 08.08.2014

version: 12

Revision: 08.08.2014

Trade name REVELL-AQUA-COLOR

(Contd. of page 3)

- **Information about storage in one common storage facility:**
 Keep away from foodstuffs, beverages and food.
- **Further information about storage conditions:**
 Protect from frost.
 Protect from heat and direct sunlight.
- **Storage class 10**
- **7.3 Specific end use(s)** To paint, to spray and roller coating application.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:**
 Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

· **8.1 Control parameters**

- **Components with critical values that require monitoring at the workplace:**

57-55-6 propane-1,2-diol	
WEL (Great Britain)	Long-term value: 474* 10** mg/m ³ , 150* ppm *total vapour and particulates **particulates

· **PNECs**

124-68-5 2-amino-2-methylpropanol	
PNEC	342.9 mg/L (activated sludge) (EC50 3h)

- **CAS No. Designation of material % Type Value Unit**
 The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **8.2 Exposure controls**

· **Personal protective equipment**

· **General protective and hygienic measures**

Instantly remove any spoiled and impregnated garments.
 After skin contact clean with water and soap or use appropriate detergents . Do not use organic solvent.

· **Breathing equipment:**

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus, independent of circulating air.
 Filter A/P2.

· **Protection of hands:**

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

· **Material of gloves**

Nitrile rubber or fluorine rubber. Notice., The information provided by the glove manufacturer to permeability and breakthrough times and the specific workplace conditions When cracking or change in color, shape or elasticity, the gloves should be changed immediately.

· **Eye protection:** Tightly sealed safety glasses.

· **Body protection:** Protective work clothing.

GB

(Contd. on page 5)

EG-Material Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 08.08.2014

version: 12

Revision: 08.08.2014

Trade name REVELL-AQUA-COLOR

(Contd. of page 4)

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Fluid
Colour:	According to product specification
Smell:	Characteristic
Odour threshold:	Not determined.

· pH-value at 20 °C: 9.5 (DIN 53785)

· Change in condition

Melting point/Melting range:	not necessary
Boiling point/Boiling range:	> 34 °C

· Flash point: > 65 °C (DIN/ISO 3679)

· Inflammability (solid, gaseous) Not applicable.

· Ignition temperature: 400 °C (DIN 51794)

· Decomposition temperature: Not determined.

· Self-inflammability: Product is not self-igniting.

· Danger of explosion: Product is not explosive.

· Critical values for explosion:

Lower:	2.4 Vol %
Upper:	12.6 Vol %

· Steam pressure at 20 °C: 24 hPa

· Density at 20 °C 1.200-1.300 g/cm³ (DIN/ISO 2811)

· Relative density Not determined.

· Vapour density Not determined.

· Evaporation rate Not determined.

· Solubility in / Miscibility with

Water: Fully miscible

· Viscosity:

dynamic: Not determined.

kinematic at 20 °C: 120 s (DIN 53211/4)

· or at 20 °C: 80 s (ISO 2431-1993/6 mm)

· Solvent content:

Organic solvents:	7.0 %
Water:	43.4 %

Solids content: 45.5 %

· 9.2 Other information No further relevant information available.

GB

(Contd. on page 6)

EG-Material Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 08.08.2014

version: 12

Revision: 08.08.2014

Trade name REVELL-AQUA-COLOR

(Contd. of page 5)

SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
Stable under recommended storage and handling conditions (see section 7).
Hazardous products of decomposition could result at high temperatures.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:**
Strong oxidizing agent.
Strong acids and bases
- **10.6 Hazardous decomposition products:**
such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
There are no data available on the preparation itself.
The mixture is classified under Regulation No 1272/2008 = CLP (EU-GHS) Regulation and the toxicological hazards. See Section 3 and 15 for details.
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Other observations:**
Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effect such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system.
Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Repeated or prolonged skin contact may lead to allergic contact dermatitis.
The liquid splashed in the eyes may cause irritation and reversible damage.
The liquid splashed in the eyes may cause irritation and reversible damage.
- **Additional toxicological information:**
There are no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and not classified.
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**

55965-84-9 mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1) mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)

NOEC	0.035 mg/l (wfl)
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(Contd. on page 7)

EG-Material Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 08.08.2014

version: 12

Revision: 08.08.2014

Trade name **REVELL-AQUA-COLOR**

(Contd. of page 6)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Other information:** There are no data available on the preparation itself.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
The respective EU-directives, as well as local, regional and national instructions, should be paid attention to.
Smaller quantities can be disposed with household garbage.

· **European waste catalogue**

08 01 11* waste paint and varnish containing organic solvents or other dangerous substances

- **Uncleaned packagings:**
- **Recommendation:**
Disposal must be made according to official regulations.
Emptied containers should be supplied to Recycling after cleaning with water and drying.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, ADN, IMDG, IATA** Void
- **14.2 UN proper shipping name**
- **ADR, ADN, IMDG, IATA** Void
- **14.3 Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** Void
- **14.4 Packing group**
- **ADR, IMDG, IATA** Void
- **14.5 Environmental hazards:**
- **Marine pollutant:** No
- **14.6 Special precautions for user** Not applicable.
- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **Transport/Additional information:** This preparation is not classified as dangerous according to international transport regulations, (ADR/RID, IMDG, ICAO/IATA).

(Contd. on page 8)

Printing date 08.08.2014

version: 12

Revision: 08.08.2014

Trade name REVELL-AQUA-COLOR

(Contd. of page 7)

- **ADR**
- **Remarks:** (according structure reform: > 450 ltr.: Kl.3 F1,III,UN-1263 Paint)
- **Transport in accordance with ADR/RID, IMDG and ICAO/IATA.**
- **IMDG**
- **Remarks:** Exception: Viscose materials with a flash point of +23 to +61 °C, ≤30 ltr. and a viscosity ISO 6 mm/60 s or 40 s and at most contains 60% materials of the class 3, do not conform to requirements (IMDG Code Amdt. 31-02). > 30 ltrs. dangerous good Kl.3 UN-1263 Paint
- **UN "Model Regulation":** -

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **VOC value EC %:** 4.96 %
- **Switzerland VOC value:** 20.68 %
- **VOC (EU)** 128.3 g/l
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

The information of this SDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product : it is not to be considered as a guarantee of the products' properties.

- **Department issuing data specification sheet:** department product safety
- **Abbreviations and acronyms:**
 - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 - IMDG: International Maritime Code for Dangerous Goods
 - IATA: International Air Transport Association
 - GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 - EINECS: European Inventory of Existing Commercial Chemical Substances
 - ELINCS: European List of Notified Chemical Substances
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - PNEC: Predicted No-Effect Concentration (REACH)
- *** Data compared to the previous version altered.**

Paragraphs, which were changed compared to the former version, are marked with "*" on the left margin.

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 28.01.2014

Version number 1

Revision: 28.01.2014

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Contacta Professional

Article number: 396049090, 396089090

1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Application of the substance / the mixture Adhesives

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Stanger Produktions- und Vertriebs GmbH & Co KG

Ferdinand-Porsche-Straße 2

D-32339 Espelkamp

Further information obtainable from:

Abteilung Produktsicherheit

info@stanger.de

1.4 Emergency telephone number:

+49-5743-9307-0

(Montag bis Freitag, 7:00 - 17:00 Uhr)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS07

STOT SE 3 H336 May cause drowsiness or dizziness.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

R10-67: Flammable. Vapours may cause drowsiness and dizziness.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

GHS label elements

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02 GHS07

Signal word Warning

Hazard-determining components of labelling:

n-Butylacetat

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.01.2014

Version number 1

Revision: 28.01.2014

Trade name: Contacta Professional

(Contd. of page 1)

Hazard statements

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3: Composition/information on ingredients**3.2 Chemical characterization: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

CAS: 123-86-4	n-butyl acetate	50-<99.999%
EINECS: 204-658-1	R10-66-67	
 Flam. Liq. 3, H226;  STOT SE 3, H336		

Additional information: For the wording of the listed risk phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** Immediately wash with water and soap and rinse thoroughly.**After eye contact:** Rinse opened eye for several minutes under running water.**After swallowing:** Call for a doctor immediately, present msds**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.**For safety reasons unsuitable extinguishing agents:** Water with full jet**5.2 Special hazards arising from the substance or mixture** No further relevant information available.**5.3 Advice for firefighters****Protective equipment:** Wear self-contained respiratory protective device.**Additional information** Contaminated extinguishing water according to official regulations.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

(Contd. on page 3)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 28.01.2014

Version number 1

Revision: 28.01.2014

Trade name: Contacta Professional

(Contd. of page 2)

6.3 Methods and material for containment and cleaning up:*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).**Do not flush with water or aqueous cleansing agents**No special measures required.***6.4 Reference to other sections***See Section 7 for information on safe handling.**See Section 8 for information on personal protection equipment.**See Section 13 for disposal information.***SECTION 7: Handling and storage****7.1 Precautions for safe handling** *No special precautions are necessary if used correctly.***Information about fire - and explosion protection:***Keep ignition sources away - Do not smoke.**Protect against electrostatic charges.***7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:** *No special requirements.***Information about storage in one common storage facility:** *Not required.***Further information about storage conditions:** *Keep container tightly sealed.***7.3 Specific end use(s)** *No further relevant information available.***SECTION 8: Exposure controls/personal protection****Additional information about design of technical facilities:** *No further data; see item 7.***8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****123-86-4 n-butyl acetate**WEL Short-term value: 966 mg/m³, 200 ppmLong-term value: 724 mg/m³, 150 ppm**Additional information:** *The lists valid during the making were used as basis.***8.2 Exposure controls****Personal protective equipment:****General protective and hygienic measures:** *Wash hands before breaks and at the end of work.***Respiratory protection:** *Not required.***Protection of hands:***The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.**Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.**Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation***Material of gloves***The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.***Penetration time of glove material***The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.***Eye protection:** *Tightly sealed goggles*

GB

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 28.01.2014

Version number 1

Revision: 28.01.2014

Trade name: *Contacta Professional*

(Contd. of page 3)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	<i>Fluid</i>
Colour:	<i>Colourless</i>
Odour:	<i>Characteristic</i>

Change in condition

Boiling point/Boiling range: *Undetermined.*

Flash point: *26 °C*

Ignition temperature: *370 °C*

Danger of explosion: *Product is not explosive. However, formation of explosive air/vapour mixtures are possible.*

Explosion limits:

Lower: *1.1 Vol %*
Upper: *8.0 Vol %*

Vapour pressure at 20 °C: *13 hPa*

Density at 20 °C: *0.9 g/cm³*

Solubility in / Miscibility with water: *Not miscible or difficult to mix.*

Viscosity:

Kinematic at 20 °C: *21 s (DIN 53211/4)*

SECTION 10: Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: *No decomposition if used according to specifications.*

10.3 Possibility of hazardous reactions *No dangerous reactions known.*

10.6 Hazardous decomposition products: *No dangerous decomposition products known.*

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin: *No irritant effect.*

on the eye: *No irritating effect.*

Sensitization: *No sensitizing effects known.*

Experience with humans: *no toxicological tests carried out with the preparation*

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: *No further relevant information available.*

12.2 Persistence and degradability *No further relevant information available.*

12.3 Bioaccumulative potential *No further relevant information available.*

12.4 Mobility in soil *No further relevant information available.*

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 28.01.2014

Version number 1

Revision: 28.01.2014

Trade name: Contacta Professional

(Contd. of page 4)

Additional ecological information:**General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances
15 01 10*	packaging containing residues of or contaminated by dangerous substances

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information**14.1 UN-Number**

ADR, IMDG, IATA

UN1133

14.2 UN proper shipping name

ADR

1133 ADHESIVES

IMDG, IATA

ADHESIVES

14.3 Transport hazard class(es)

ADR



Class

3 (F1) Flammable liquids.

Label

3

IMDG, IATA



Class

3 Flammable liquids.

Label

3

14.4 Packing group

ADR, IMDG, IATA

III

14.5 Environmental hazards:**Marine pollutant:**

No

14.6 Special precautions for user

Warning: Flammable liquids.

Danger code (Kemler):

30

EMS Number:

F-E,S-D

14.7 Transport in bulk according to Annex II of

MARPOL 73/78 and the IBC Code

Not applicable.

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 28.01.2014

Version number 1

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(Contd. of page 5)

Transport/Additional information:**ADR**

Limited quantities (LQ)	5L
Transport category	3
Tunnel restriction code	D/E

UN "Model Regulation":	UN1133, ADHESIVES, 3, III
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SECTION 15: Regulatory information

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

R10 Flammable.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

Department issuing MSDS: Abteilung Produktsicherheit**Contact:** Hr. Dr. Pohle**Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

*** Data compared to the previous version altered.**